

WeeklyReport_2018-10-29_11-04_E

Week Overview

- this week and next week I will prepare for the final work in many class
- $6 + 9 + 8 + 5 + 5 + 3 + 4 = 40$ hours

Project: RSATree

- Add a new dimension based on brightkite. After testing, it is found that the time complexity and the generated space will expand a lot.
- After discussion, we first put those smaller dimensions into the inndim, such as the year, month, and day, Bt this will not make multiple time query.
- So we can don't put those smaller dimensions into the tree split process. but they must insert into the sat as a datacube. With reference to the nanocube method, we can reduce the consumption with a tree structure. this is the next week work.
- for the reduction of space. I modify the sat into sparse matrix. Will probably reduce the capacity by half

Paper Reading

- A Survey on Transfer Learning

Other

- Completion of the final work of socialism with Chinese characteristics and computer research methods. Completed an overview of the introduction to artificial intelligence and ppt
- attend contest in atcoder.jp and nowcoder.com
- learn course in mlcourse.ai (Assignment 4) Due to busy business, it is not completed

Short-term perspective

Work	deadline	Tip
inndim tree structure	Tue	RSATree
write the difference function	Fri	RSATree
complete the homework in geometry lesson	Fri	
learn d3	in Tue, Fri, Sat,	

Long-term perspective

Work	deadline	Tip or Progress
RSATree Project	11.01	
GraphLayout	12.01	understand the visualization part
learn d3	12.01	in http://www.ourd3js.com/
learn course in mlcourse.ai	19-1.01	